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ABSTRACT

This survey is designed to collect information regarding current use of technology and future plans to integrate technology into the curriculum. Sixteen questions ask respondents to indicate: their current position and school or district affiliation; current and predicted use of hardware and software; confidence and interest levels for selected software and telecommunications skills; type of computer used at home and school; relative importance of technology at elementary, middle and secondary grade levels; importance of professional development activities; three most important priorities regarding technology use in school; means used to connect to the Internet at home or school; district availability of funding and training for new technologies; percentage (of total money budgeted for new technologies) of funds received in federal, state and private dollars; percentage (of the total amount of money spent on new technologies) of funding for equipment/hardware, software and professional development; current total district enrollment; current total expenditures per enrolled pupil; specific actions New York State could take to support initiatives for integrating technology in the district/school; and specific actions the higher education community could take to help support initiatives for integrating technology in the district/school. (AEF)

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## **Global Assessment of Technology in Education Scale (GATE, 1997)**

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# **Global Assessment of Technology in Education**

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*This survey is designed to collect information regarding your current use of technology and your future plans to integrate technology into the curriculum. Please answer each question as completely as possible. If you have additional comments, feel free to include them. Your participation in this project is valuable and greatly appreciated.*

Q1. Indicate your current position: (circle appropriate number)

Q2. Are you responding to the questionnaire items on a school-wide or district-wide basis?  
(circle appropriate number)

Q3. The following are examples of hardware and software available to schools. Using the scale below, indicate the items to which *your district/school currently has access*. Then, indicate the items to which you *predict your district/school will have access within two years*. For each item, write a number (1, 2 or 3) indicating current use and predicted future use.

	<b>Current Status</b>	<b>Within 2 Years</b>
A. Internet access	_____	_____
B. CD-ROM	_____	_____
C. Computer	_____	_____
D. Fax	_____	_____
E. Laser disk	_____	_____
F. Scanner	_____	_____
G. Modem	_____	_____
H. Digital or video camera	_____	_____
I. Overhead computer pad	_____	_____
J. Probeware	_____	_____
K. Word processing	_____	_____
L. Spread sheet	_____	_____
M. Pupil monitoring system (attendance/grades)	_____	_____
N. MIDI (musical instrument digital interface)	_____	_____
O. Drawing, creative design, graphics	_____	_____

Q4. Review the following hardware and software skills which are required when using technology. Using the confidence scale below, evaluate each skill in terms of *your level of confidence in your abilities*. Then, using the interest scale, rate *your interest level in acquiring each of the skills*. For each skill, write a number (1 to 5) indicating confidence and interest.

**Confidence scale:** Not at all confident 1 2 3 4 5 Very confident

**Interest scale:** Not at all interested 1 2 3 4 5 Very interested

Running software for:	Confidence Level	Interest Level
A. Word processing	_____	_____
B. Data base	_____	_____
C. Spread sheet	_____	_____
D. Statistical analysis	_____	_____
E. Graphics	_____	_____
F. Digital or video camera	_____	_____
G. Multimedia presentations	_____	_____
H. Laser disk and player with bar coder	_____	_____
I. CD-ROM disks and drive	_____	_____

**Using telecommunications for:**

J. E-mail	_____	_____
K. Faxes	_____	_____
L. Access to the Internet/WWW	_____	_____
M. Literature search	_____	_____
N. Down load images	_____	_____
O. Video conferences	_____	_____
P. Multimedia	_____	_____
Q. Word processing	_____	_____

Q5. Please indicate the type of computer that you use at home and school by checking the appropriate lines.

	Home	School
A. Apple II Family	_____	_____
B. IBM-DOS Compatible	_____	_____
C. Macintosh	_____	_____
D. UNIX-Based	_____	_____
E. Other: _____	_____	_____
F. Have no computer	_____	_____

Q6. Using the scale below, please rate the relative importance of technology at each of the following grade levels. For each level, write a number (1 to 5) indicating *importance*.

Not at all important 1 2 3 4 5 Very important

**Importance**

- A. Elementary grade levels \_\_\_\_\_
- B. Middle school grade levels \_\_\_\_\_
- C. Secondary grade levels \_\_\_\_\_

Q7. Using the scale below, rate the following professional development activities in terms of importance. For each activity, write a number (1 to 5) indicating *importance*.

Not at all important 1 2 3 4 5 Very important

**Importance**

- A. Offering a college-level course or workshop in technology \_\_\_\_\_
- B. Participating in a distance learning program \_\_\_\_\_
- C. Attending professional conferences on technology \_\_\_\_\_
- D. Preparing an electronic portfolio \_\_\_\_\_
- E. Preparing multimedia presentations for instruction \_\_\_\_\_
- F. Forming teams to develop a comprehensive plan to integrate technology into the curriculum \_\_\_\_\_
- G. Implementing pupil monitoring systems (i.e., electronic attendance, grading and health records) \_\_\_\_\_
- H. Developing an access policy for Internet use \_\_\_\_\_
- I. Creating a web site for your district/school \_\_\_\_\_
- J. Developing grant-writing skills to apply for funding \_\_\_\_\_
- K. Other: \_\_\_\_\_

Q8. Please identify your *three most important priorities* regarding technology in your district/school.

1st priority: \_\_\_\_\_

2nd priority: \_\_\_\_\_

3rd priority: \_\_\_\_\_

Q9. Please indicate the means you use to connect to the Internet at home or school by checking the appropriate lines.

	<b>Home</b>	<b>School</b>	<b>Unsure</b>
A. ISDN	_____	_____	_____
B. T1 plus	_____	_____	_____
C. async modem at 9600 to 28800 baud	_____	_____	_____
D. No Internet connection	_____	_____	_____

Q10. Is funding and training for new technologies available in your district?

	<b>Yes</b>	<b>No</b>	<b>Unsure</b>
A. Funding	_____	_____	_____
B. Training	_____	_____	_____

Q11. Of the total amount of money budgeted for new technologies, estimate the percentage of funds received in: (total percentages should equal 100%)

A. Federal Dollars	_____	%
B. State Dollars	_____	%
C. Private Dollars	_____	%
<b>Total Dollars = 100%</b>		

Q12. Of the total amount of money spent on new technologies, estimate the percentage of funding for each of the following: (total percentages should equal 100%)

A. Equipment/Hardware	_____	%
B. Software	_____	%
C. Professional Development	_____	%
<b>Total Dollars = 100%</b>		

Q13. Please estimate the current total enrollment for your district: \_\_\_\_\_

Q14. Please estimate the current total expenditures per enrolled pupil: \_\_\_\_\_

Q15. What specific actions could New York State take to support your initiatives for integrating technology in your district/school?

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Q16. What specific actions could the higher education community take to help support your initiatives for integrating technology in your district/school?

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